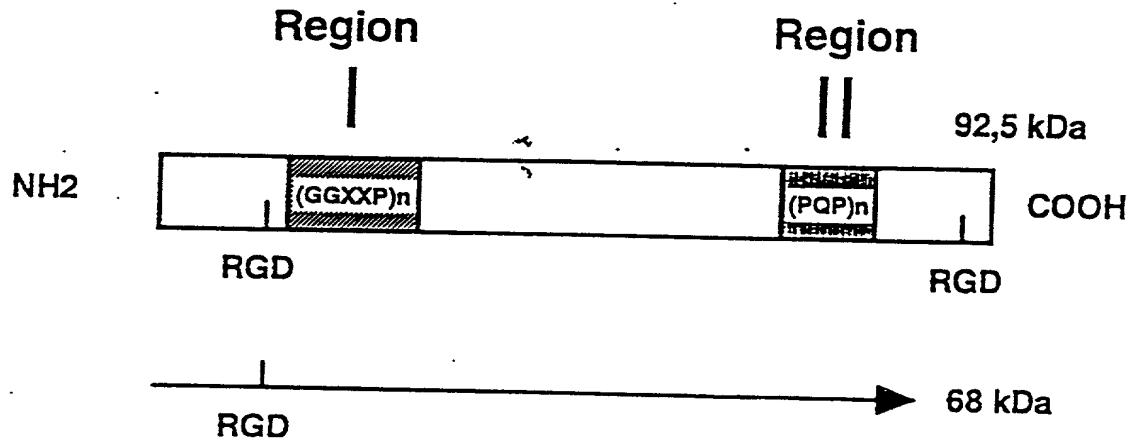


218 Fig. 1a: The two regions of repeats in *Bordetella bronchiseptica* pertactin
219
220
221



237 Fig. 1c: Multiple alignment of *R. brachiserrata* (cont'd) ...

238		GAKAPPAPKPAPOQPGPQPQGP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
239	II-1	GAKAPPAPKPAPOQPGPQPQGPQPQPP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
240	II-2	GAKAPPAPKPAPOQPGPQPQGPQPQGP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
241	II-3	GAKAPPAPKPAPOQPGPQPQGPQPQGP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
242	II-4	GAKAPPAPKPAPOQPGPQPQGPQPQGP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
243	II-5	GAKAPPAPKPAPOQPGPQPQGPQPQGP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
244	II-6	GAKAPPAPKPAPOQPGPQPQGPQPQGP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
245	II-7	GAKAPPAPKPAPOQPGPQPQGP-----P-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
246	II-8	GAKVPPAPKPAPOQPGPQP-----PQPP-----	QPPQQPQP-PQRQP--EAPAPQPPAGRELSAA
247	II-9	GAKVPPAPKPAPOQPGPQP-----PQPP-----	QPPQQPQPQPQGPQPQPEAPAPQPPAGRELSAA
248	prn1	GAKAPPAPKPAPOQPGPQP-----PQPP-----	QPPQPQF-----QP--EAPAPQPPAGRELSAA
249	prn6	GAKAPPAPKPAPOQPGPQP-----PQPP-----	QPPQPQF-----QP--EAPAPQPPAGRELSAA
250		*****	*** * *****